

FIG. 1

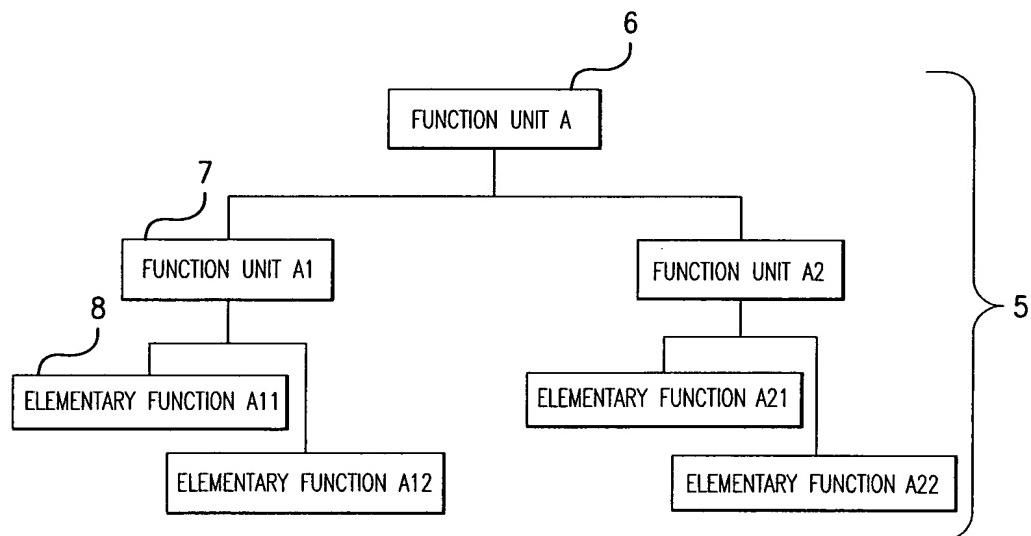
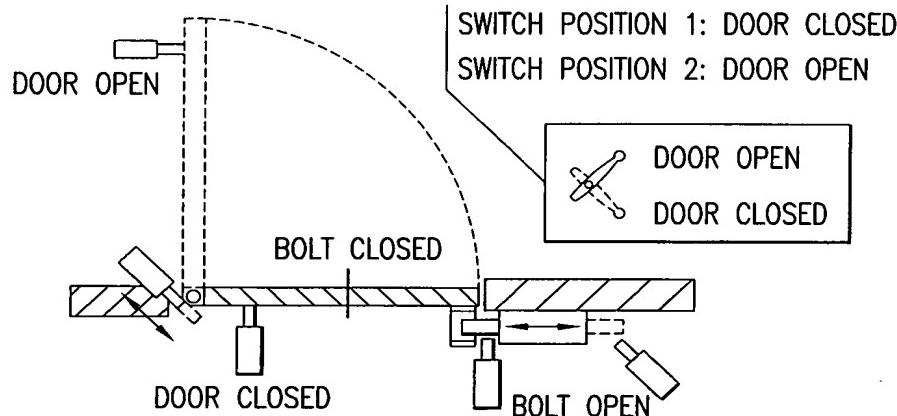


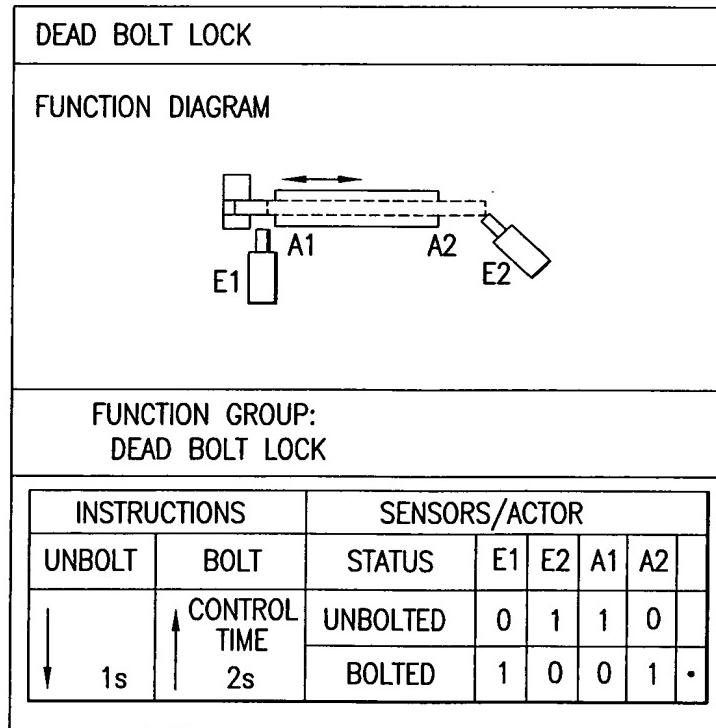
FIG. 2



DESCRIPTION OF FUNCTION:

SWITCH IN POSITION 1:
BOLT UNLOCKED AND
DOOR OPENS

SWITCH IN POSITION 2:
DOOR IS CLOSED
AND BOLTED

FIG.4**FIG.5**

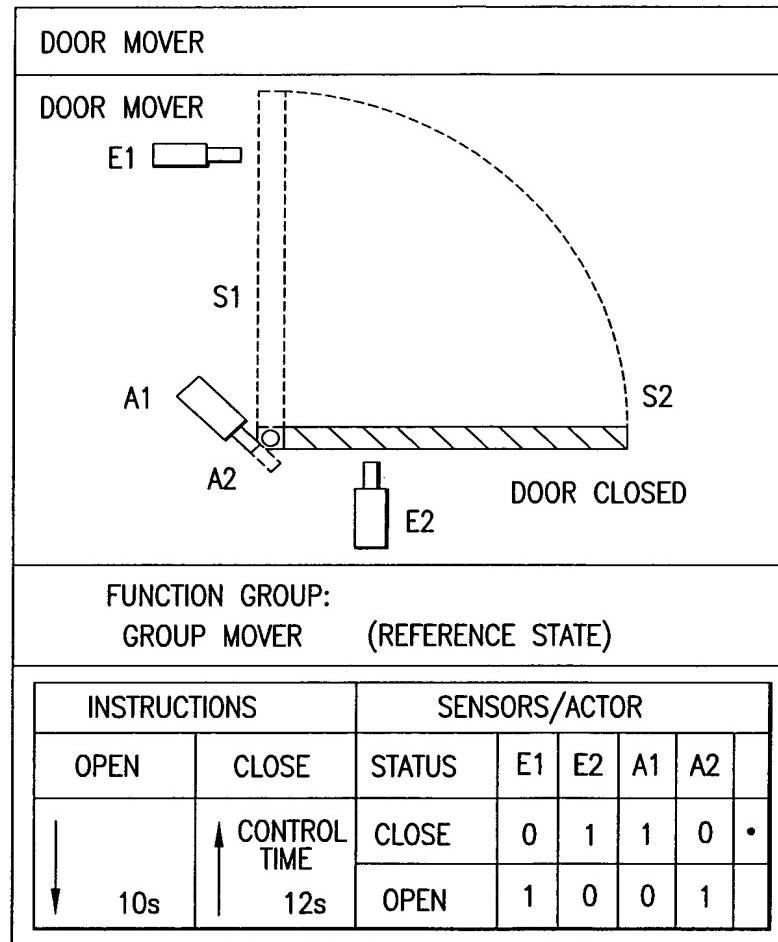


FIG.6

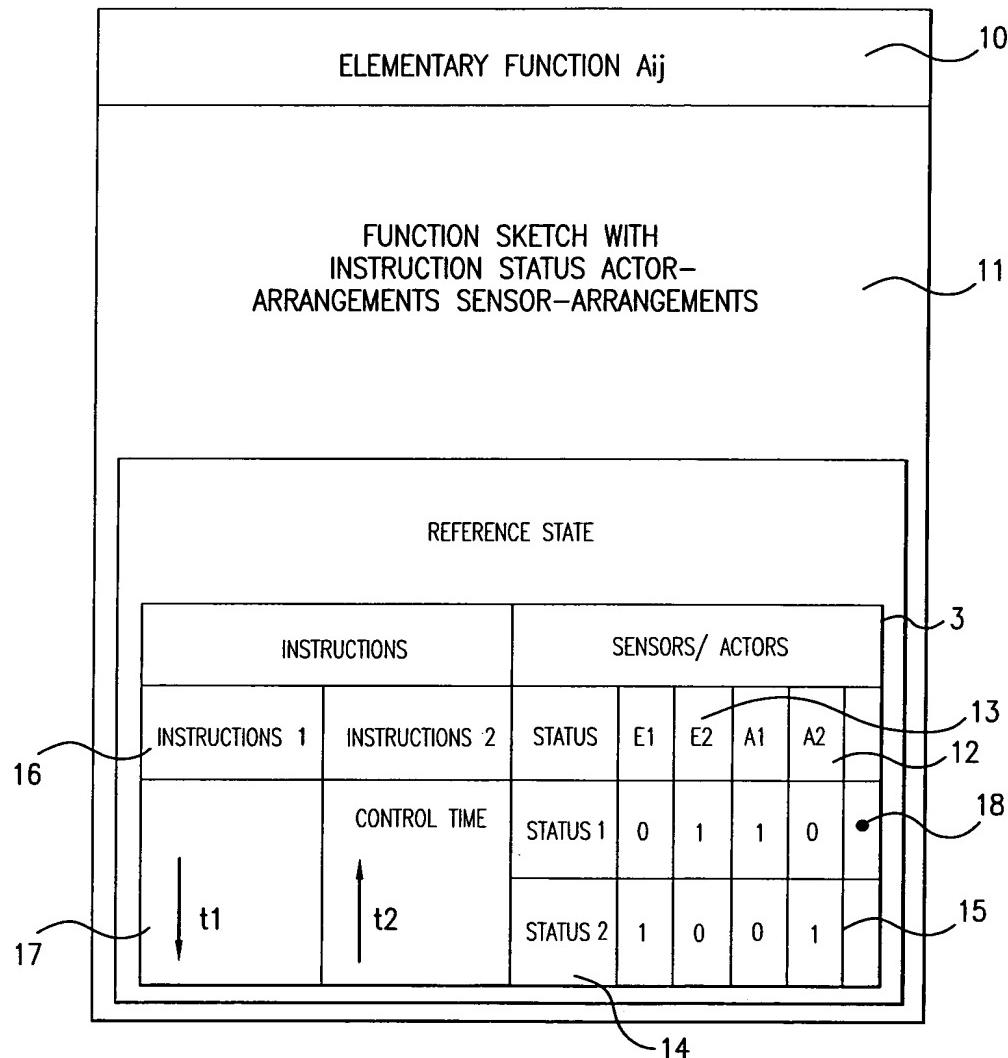


FIG.3

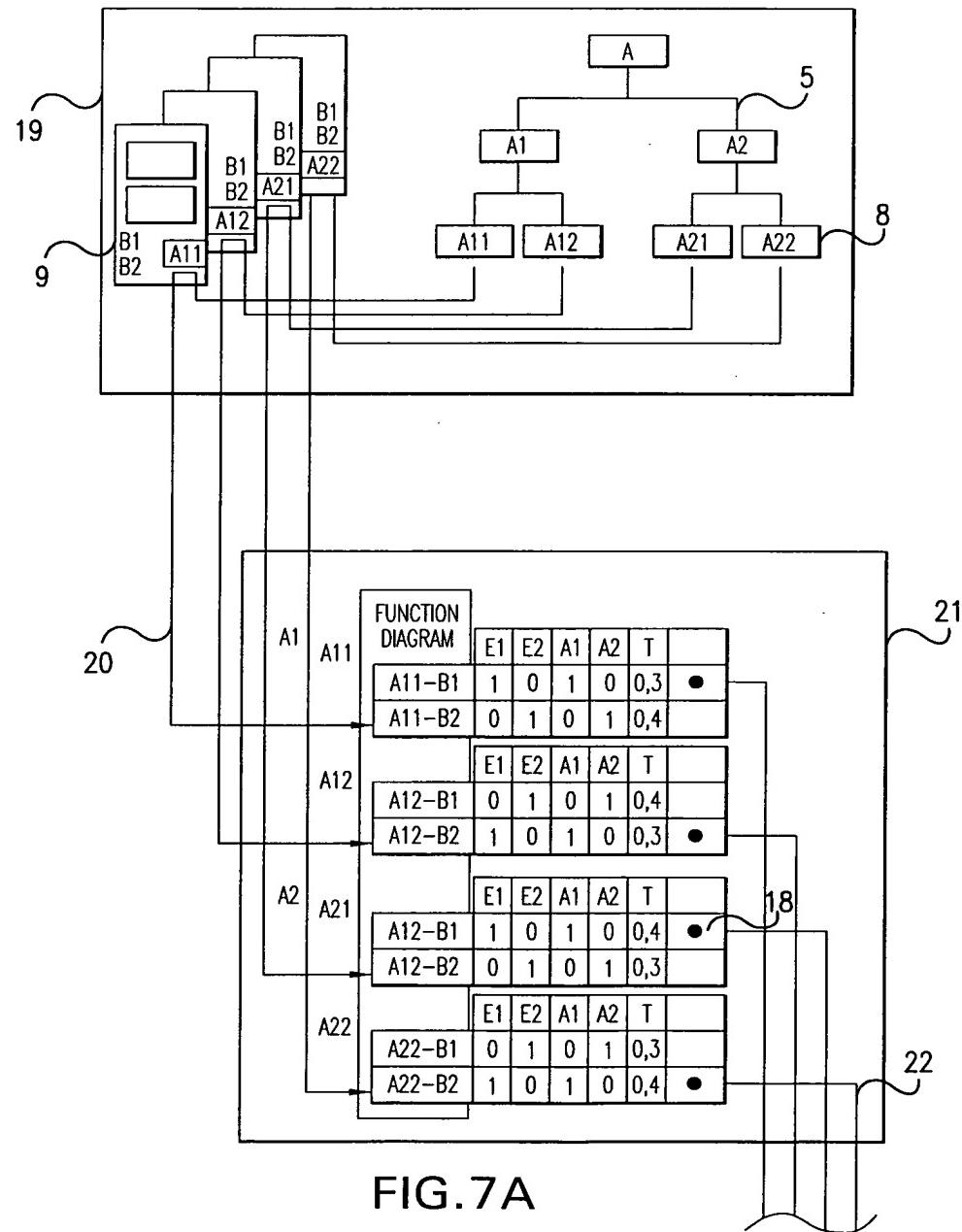


FIG. 7A

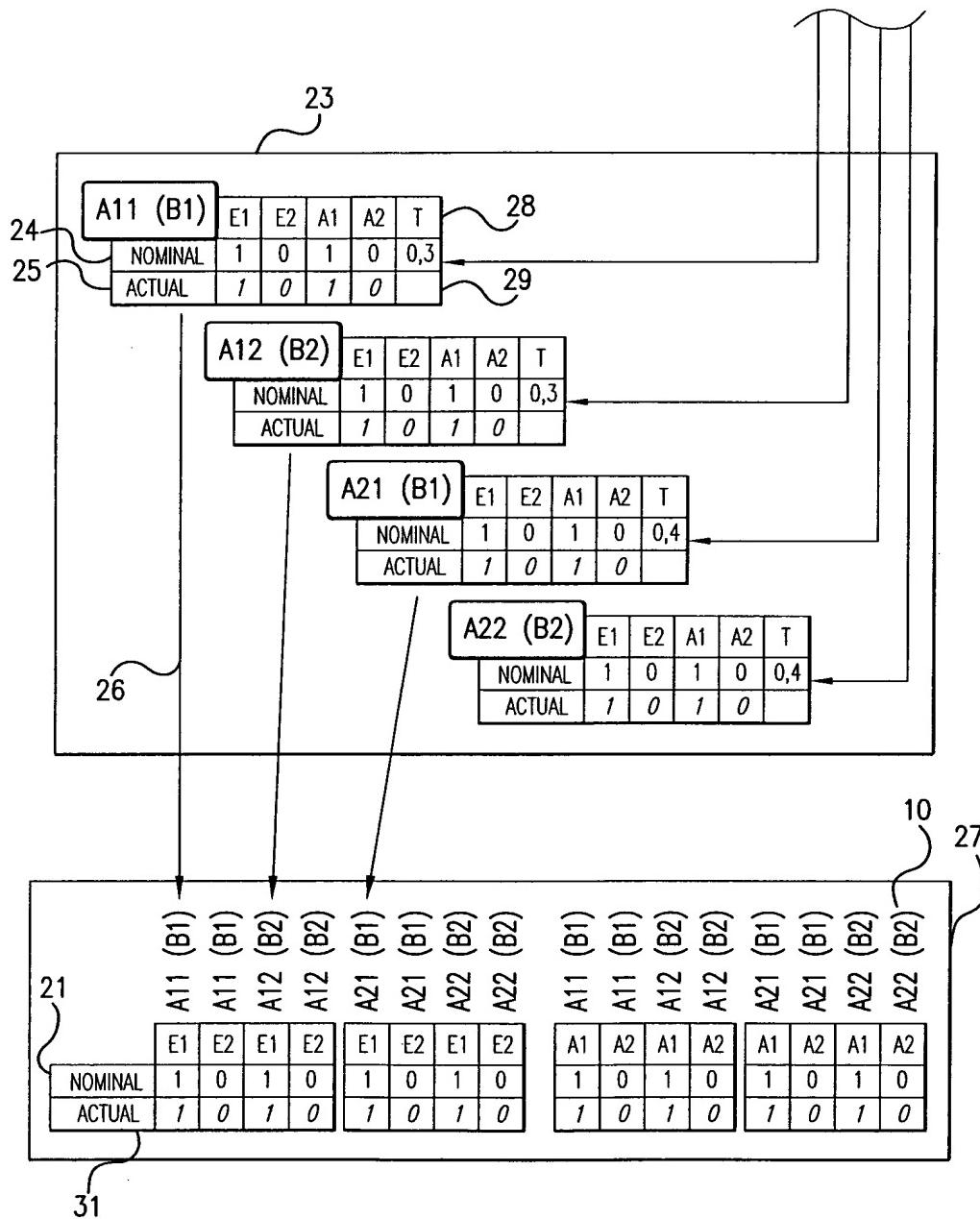


FIG. 7B

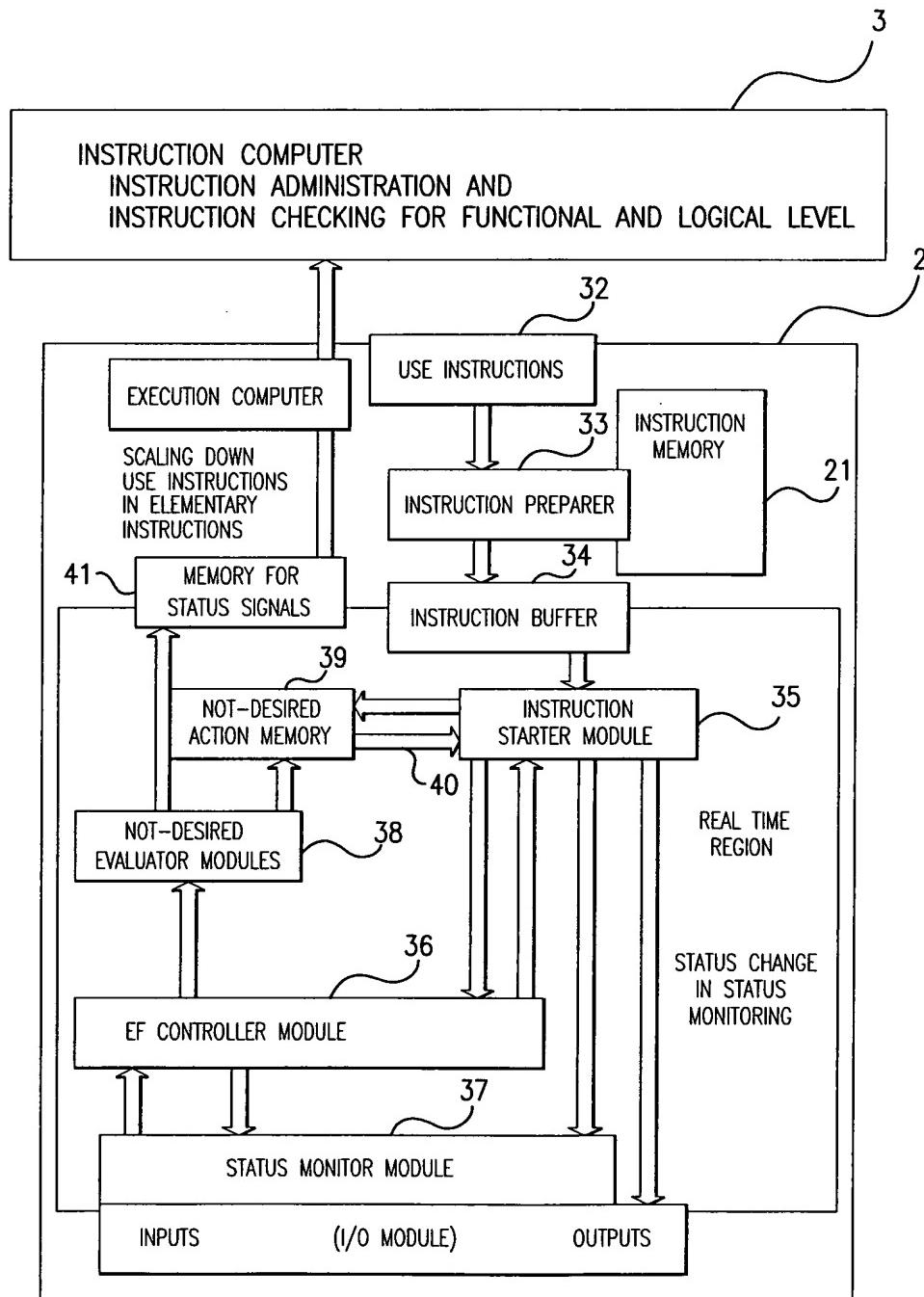


FIG.8

NAME OF THE INSTRUCTION	
(1)	#EF (ELEMENTARY FUNCTION)
(2)	NOMINAL STATUS OF SENSORS
(3)	NOMINAL STATUS OF ACTORS
(4)	CONTROL TIME
(5)	NOT-DESIRED ACTIONS START
(6)	NOT-DESIRED ACTIONS FINISH

FIG.9

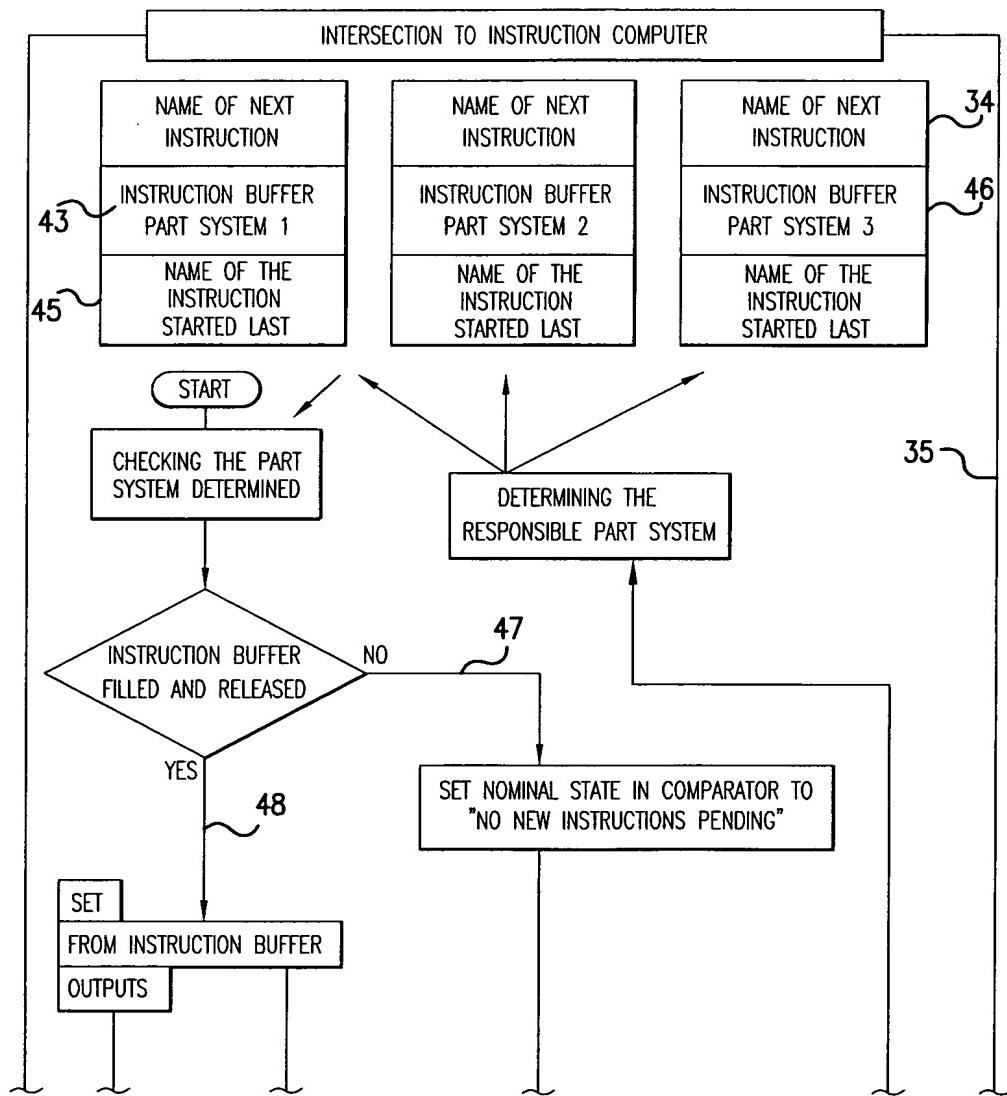


FIG.10A

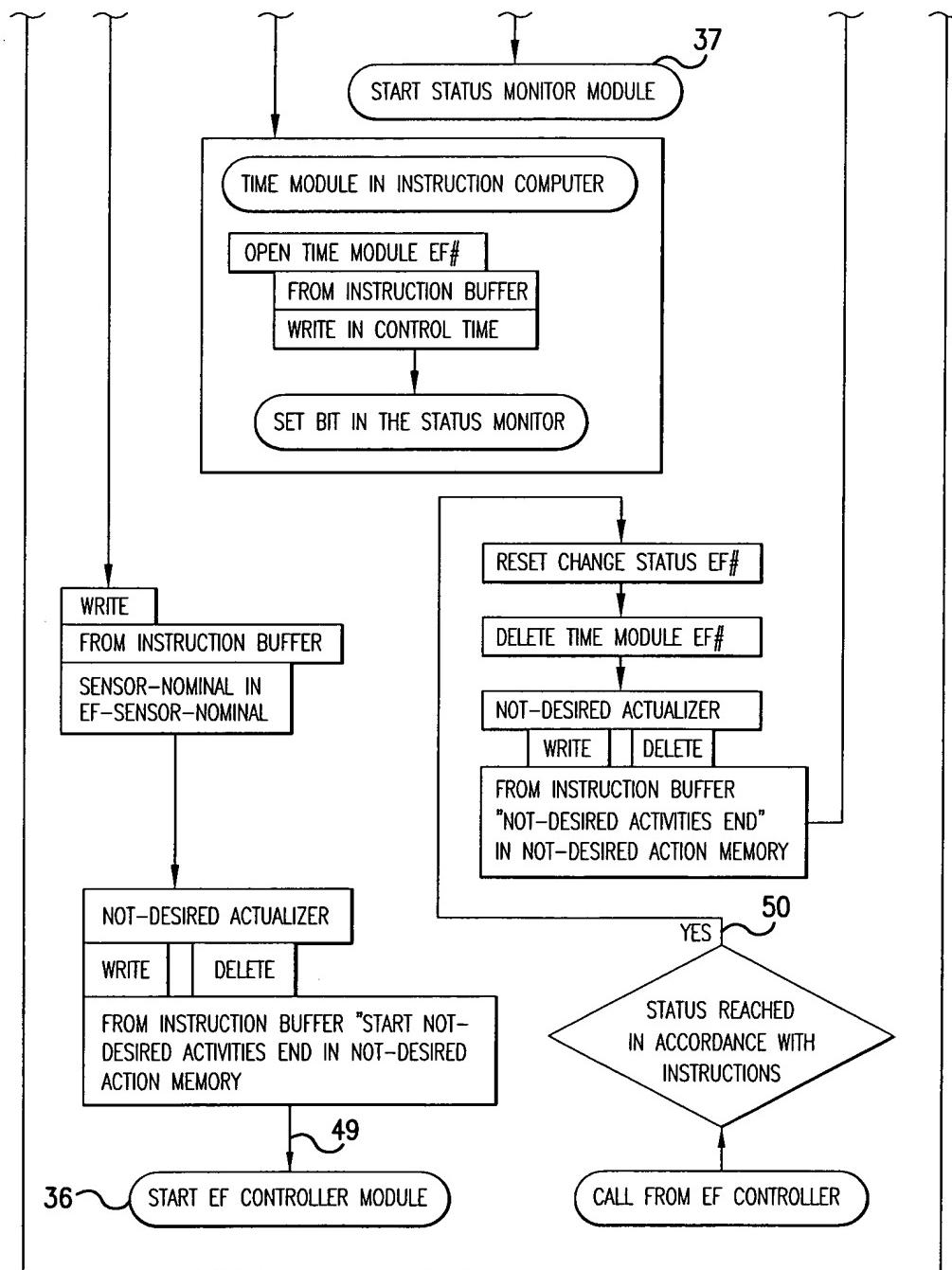


FIG.10B

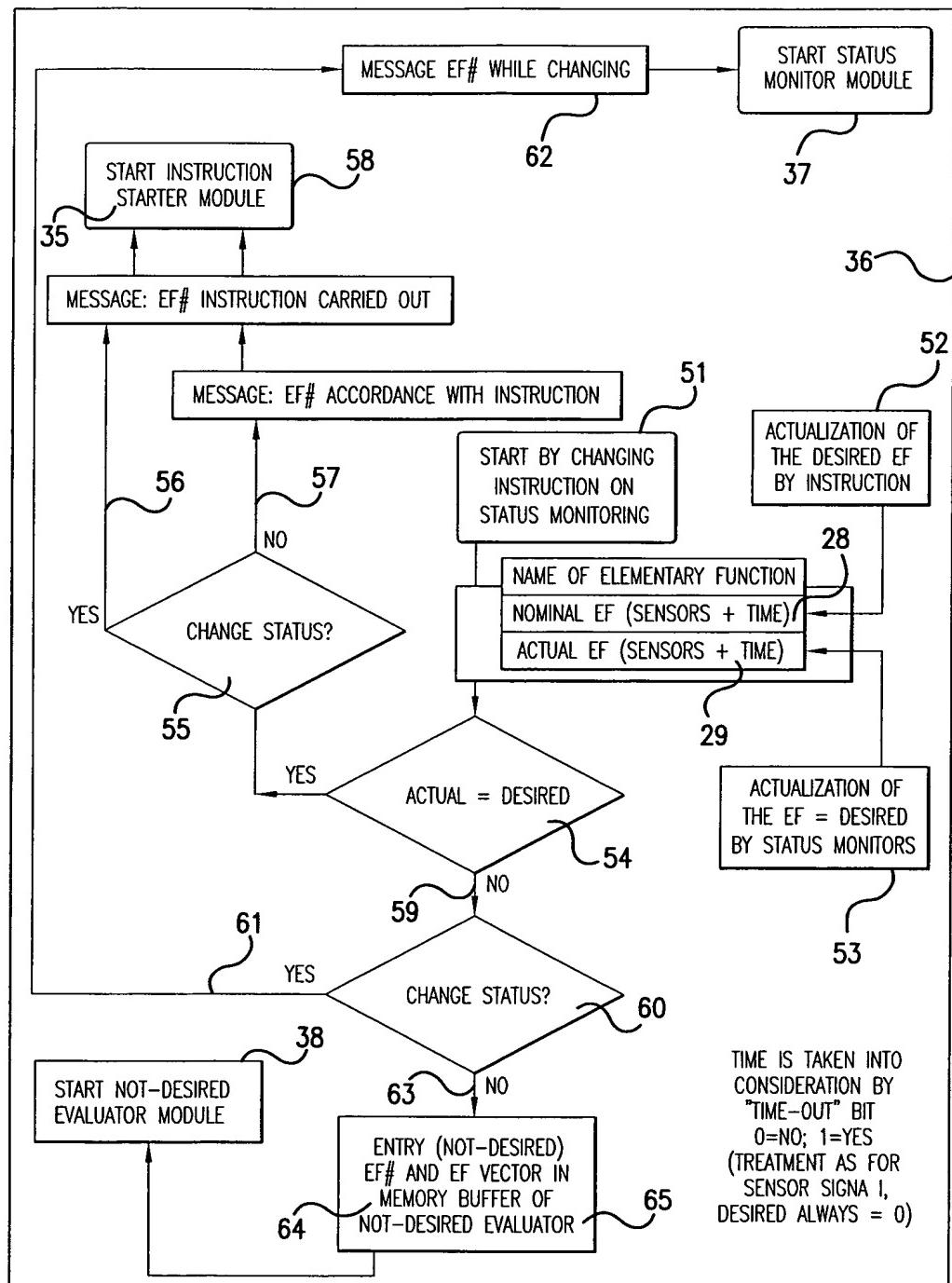
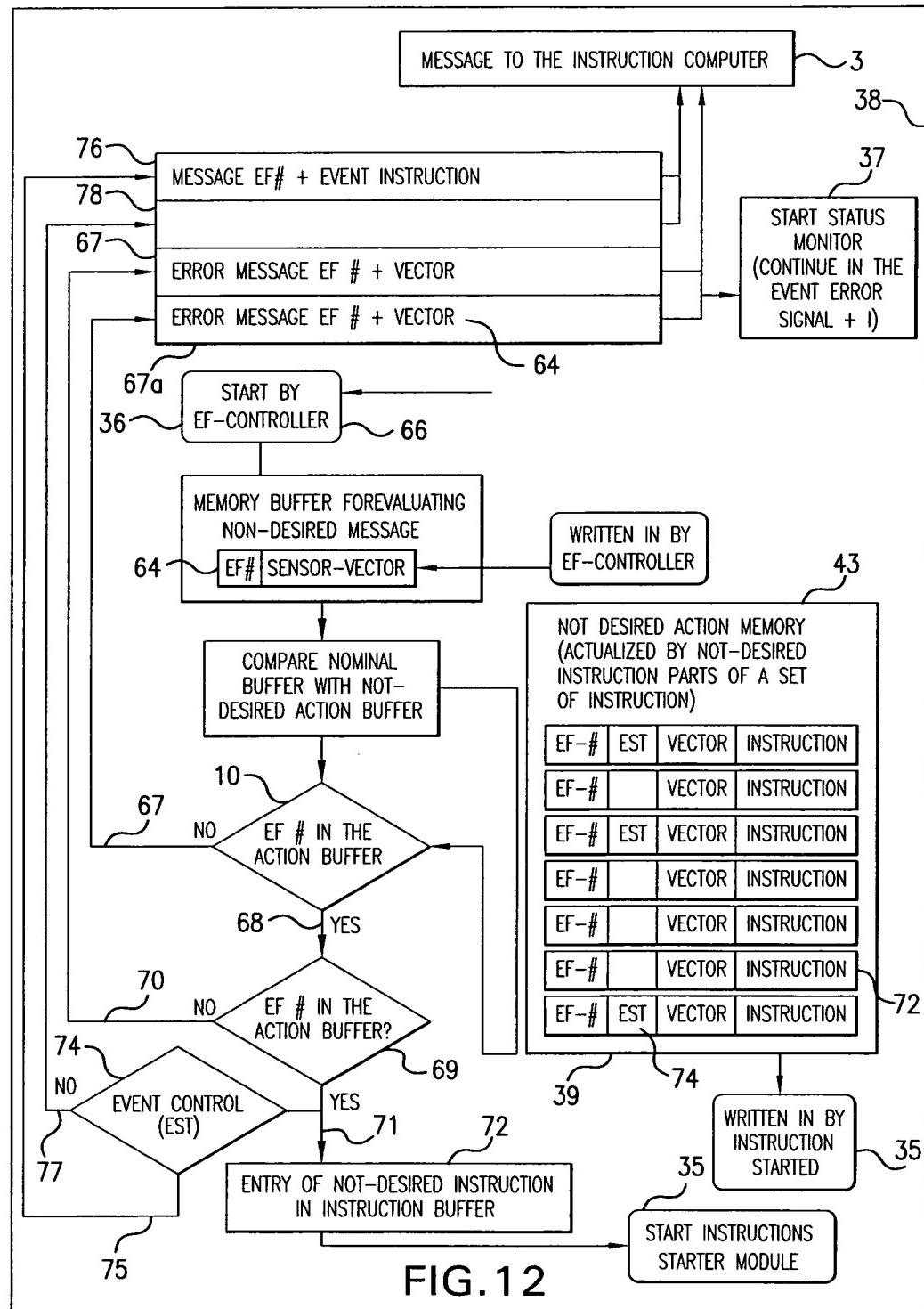


FIG. 11



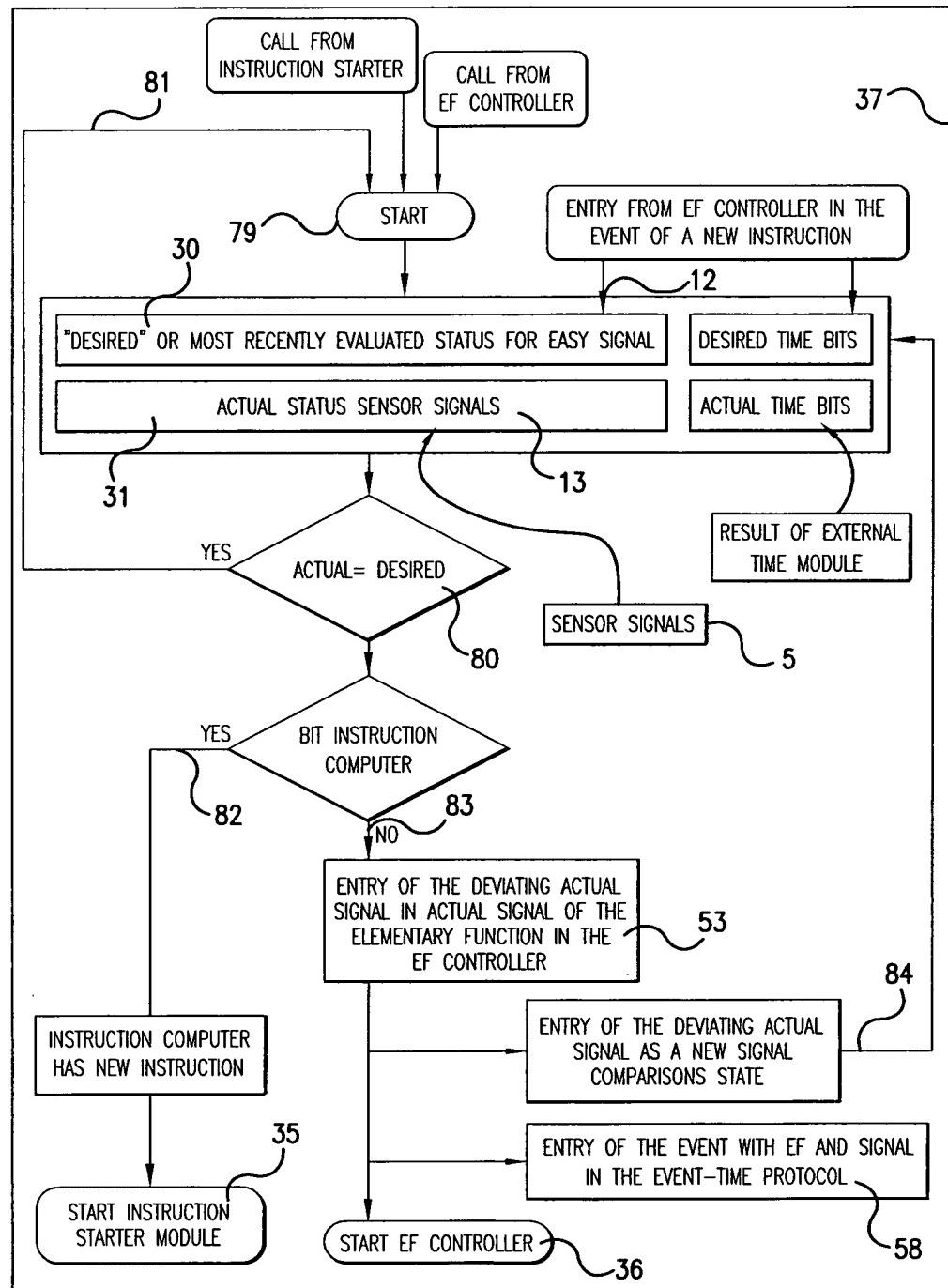


FIG.13

85

(1)	(2)	(3)	(4)
ELEMENTARY FUNCTION	SIGNAL		SYSTEM TIME
NAME	IDENTIFIER		STARTING TIME + MS
A11	E1	1	123,456 10E3
A12	E1	0	123,789 10E3
A11	E2	0	223.789 10E3
A21	E1	1	323, 789 10E3
A22	E2	0	423, 789 10E3
A22	E1	1	523,789 10E3
A21	E2	0	823,789 10E3
A23	E1	0	923,789 10E3
A31	E2	1	123,789 10E4
A11	E1	1	323,789 10E4
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

FIG.14

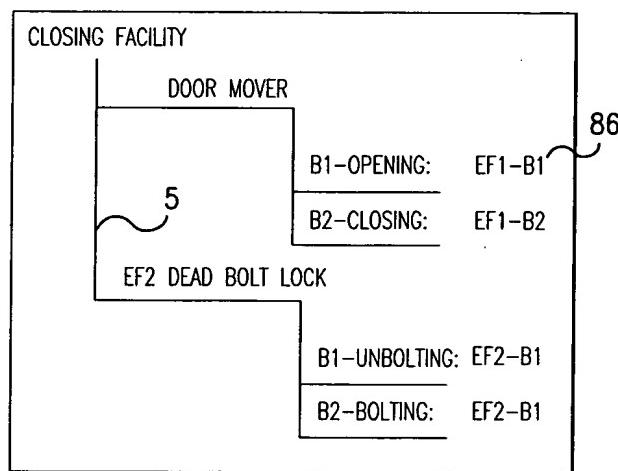


FIG. 15

88

88

INSTRUCTION NAME	DOOR OPEN	INSTRUCTION CONTENT	OPEN DOOR	
INSTRUCTION SEQUENCE	BARRIER TO BE SET		BARRIER TO BE CANCELED	
INSTRUCTIONS TO BE ACTIVATED	DURING THE CARRYING OUT	AFTER THE INSTRUCTION HAS BEEN CARRIED OUT	DURING THE CARRYING OUT	AFTER THE CARRYING OUT
EF2-B1 1.) UNLOCK BOLT	EF1-B1 OPEN DOOR MOVER			EF1-B1 OPEN DOOR MOVER
EF1-B1 2.) OPEN DOOR MOVER	EF2-B2 SET BOLT	EF1-B2 SET BOLT		

INSTRUCTION NAME	DOOR CLOSED	INSTRUCTION CONTENT	CLOSE DOOR	
INSTRUCTION SEQUENCE	BARRIER TO BE SET		BARRIER, WHICH IS TO BE REMOVED	
INSTRUCTIONS TO BE ACTIVATED	WHILE THE INSTRUCTION IS BEING CARRIED OUT	AFTER THE INSTRUCTION HAS BEEN CARRIED OUT	WHILE THE INSTRUCTION IS BEING CARRIED OUT	AFTER THE INSTRUCTION HAS BEEN CARRIED OUT
EF1-B2 1.) CLOSE DOOR MOVER	EF1-B2 SET BOLT			EF2-B2 SET BOLT
EF2-B2 2.) SET BOLT	EF1-B1 OPEN DOOR MOVER	EF1-B1 OPEN DOOR MOVER		

FIG. 16

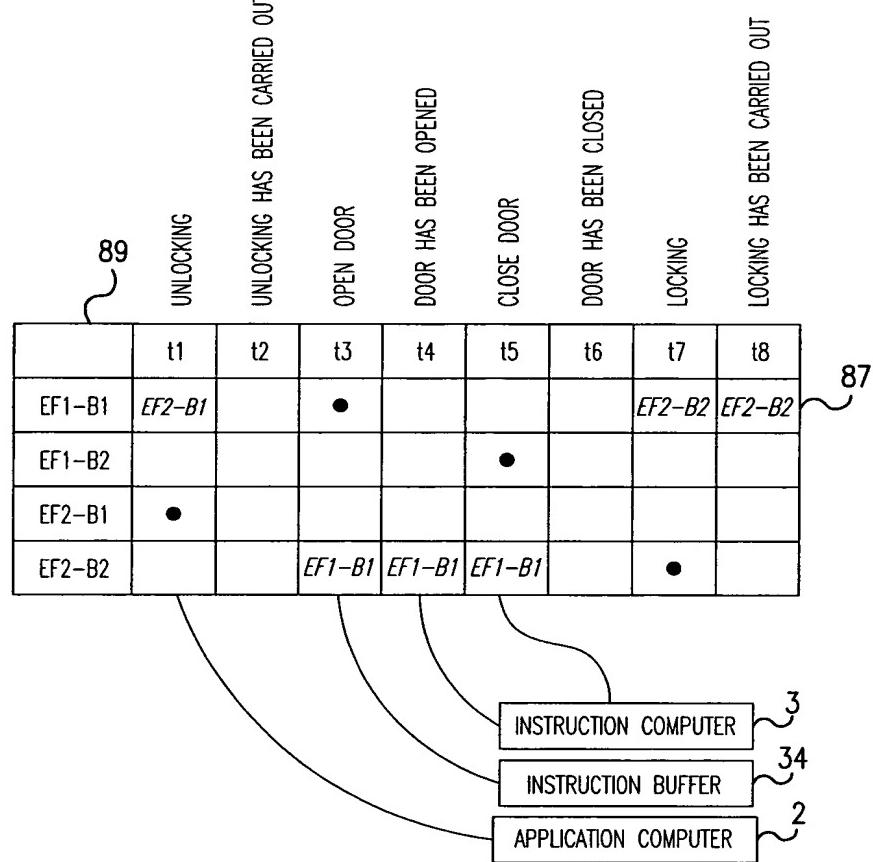


FIG. 17

SUB-MENU ERROR REACTION
INSTRUCTION = EF1-B2 CLOSE DOOR MOVER
CHARGING BEFORE CARRY OUT INSTRUCTION
REACTION TO: EF2
SIGNAL VECTOR: E1=1
ERROR INSTRUCTION: EF1-B1 OPEN DOOR MOVER
CLEARING AFTER CARRYING OUT INSTRUCTIONS

FIG.18

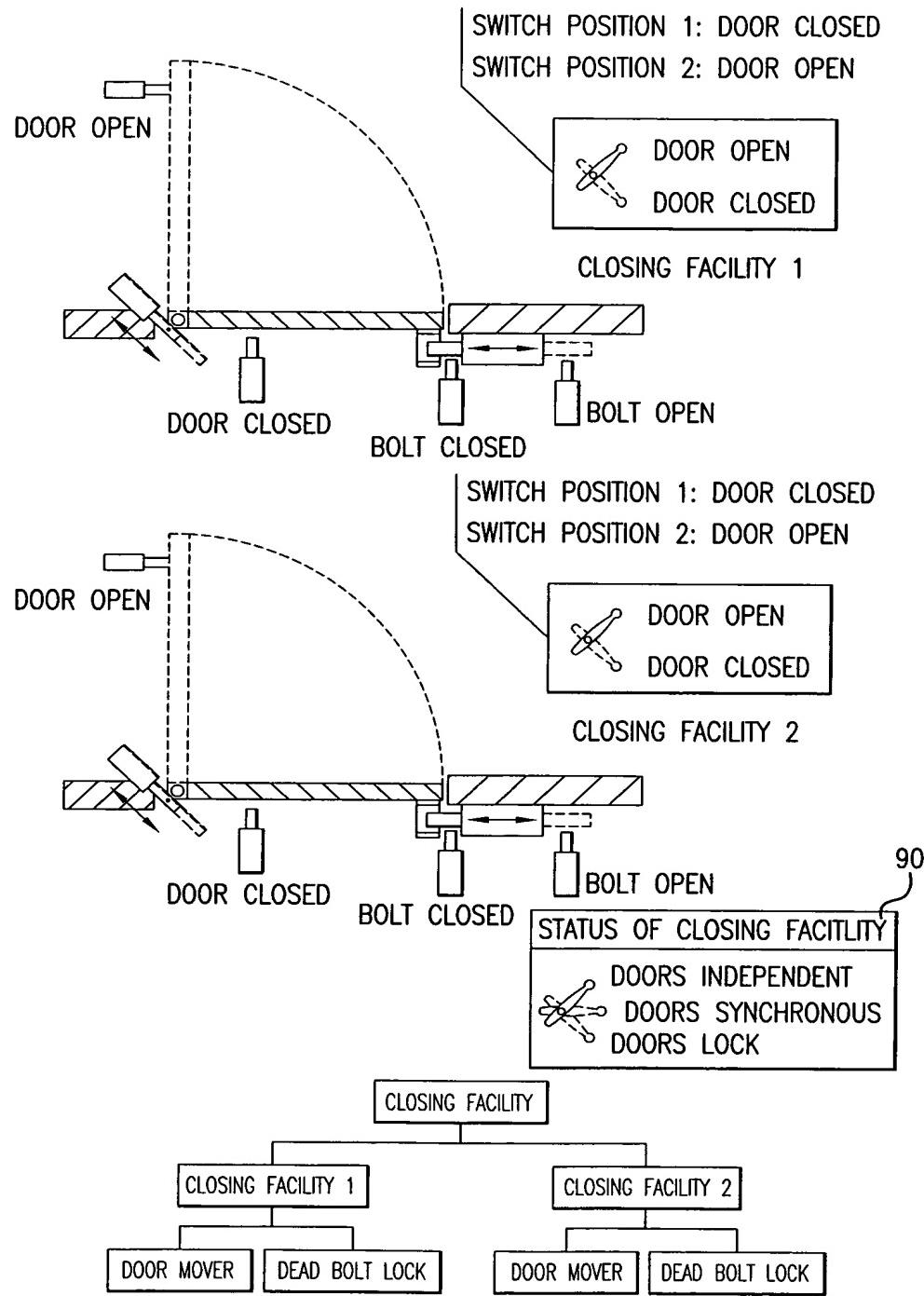


FIG. 19

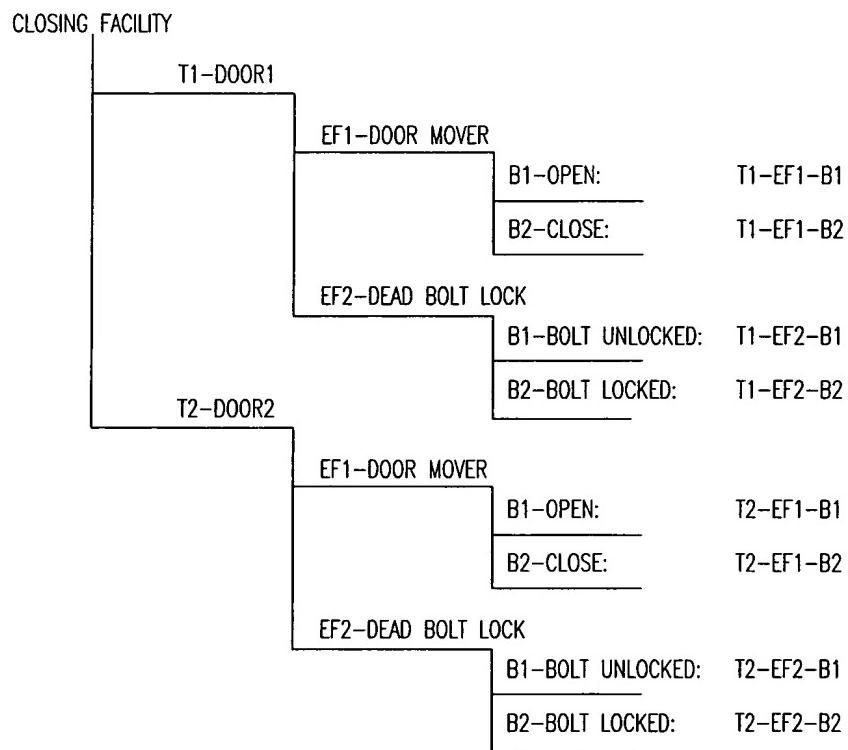


FIG.20

91

STATUS OF CLOSING FACILITY: S1 (OPERATE DOORS INDEPENDENTLY)		
INVENTORY OF INSTRUCTIONS	INSTRUCTION DEVICE	INSTRUCTION LIBRARY
OPEN DOOR 1	DOOR1 SWITCH1	T1-DOOR OPEN
CLOSE DOOR 1	DOOR1 SWITCH2	T1-DOOR CLOSED
OPEN DOOR 1	DOOR2 SWITCH1	T2-DOOR OPEN
CLOSE DOOR 1	DOOR2 SWITCH2	T2-DOOR CLOSED

92

93

STATUS OF CLOSING FACILITY: S2 (DOORS SYNCHROUPUSLY)			
INVENTORY OF INSTRUCTIONS	INSTRUCTION DEVICE	INSTRUCTION LIBRARY	
DOOR OPEN	CHANGE FROM DOOR SWITCH 1 OR 2	PARALLEL INSTRUCTION	T1-DOOR OPEN T2-DOOR OPEN
DOOR CLOSED	CHANGE FROM DOOR SWITCH 1 OR 2	PARALLEL INSTRUCTION	T1-DOOR CLOSED T2-DOOR CLOSED

STATUS OF CLOSING FACILITY: S3 (DOOR LOCK)				
INVENTORY OF INSTRUCTIONS	INSTRUCTION DEVISE	INSTRUCTION LIBRARY	WHILE CARRYING OUT INSTRUCTIONS	AFTER INSTRUCTIONS HAVE BEEN CARRIED OUT
OPEN DOOR 1	DOOR 1 SWITCH 1	DOOR OPEN	LOCK DOOR 2	LOCK DOOR 2
CLOSE DOOR 1	DOOR 1 SWITCH 2	DOOR CLOSE	LOCK DOOR 2	
OPEN DOOR 2	DOOR 2 SWITCH 1	DOOR OPEN	LOCK DOOR 1	LOCK DOOR 1
CLOSE DOOR 2	DOOR 2 SWITCH 2	DOOR CLOSE	LOCK DOOR 1	

FIG.21

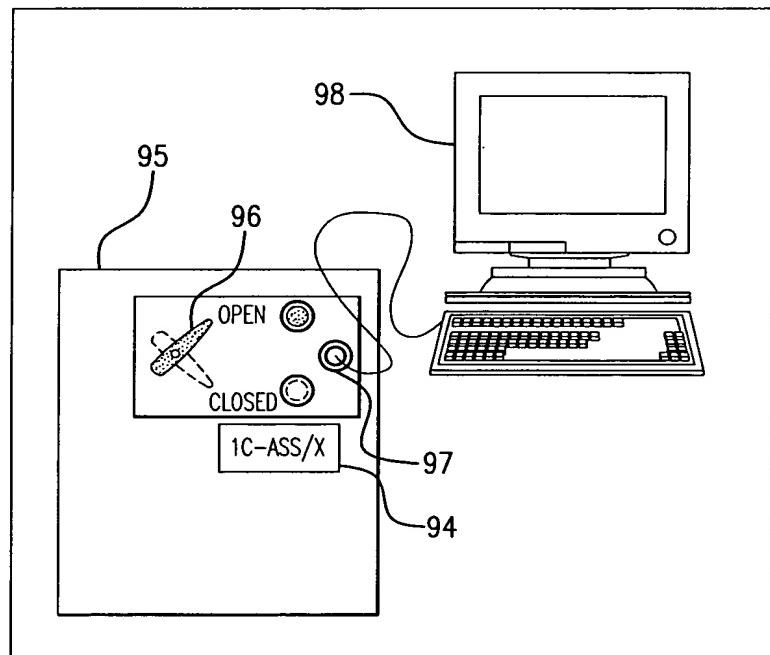


FIG.22